

APPARATUS AND METHOD FOR COUPLING TO A MEMORY MODULE

Abstract

Briefly, in accordance with one embodiment of the invention, a system includes
5 two boards coupled by a bus. The bus having a dual-terminated transmission line that
communicatively couples a memory control hub with a memory repeater hub that each
have a Rambus ASIC Cell (RAC). Briefly, in accordance with another embodiment of the
invention, a connector has two metal traces that are of different lengths. The parasitic
capacitance of the longer metal trace is increased so that the impedance of the two metal
10 traces is substantially equal.